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## FIELD MAINTENANCE PRINT SET **TABLE OF CONTENTS** B-DD-L0008-0 DRAWING DIRECTORY E-UA-L0008-0-YA UNIT ASSEMBLY DRAWING E-EC-5015549-0-0 ETCH CUT DRAWING K-PL-L0008-0-DBP PARTS LIST K-CS-L0008-0-1. CIRCUIT SCHEMATICS **UNIT VARIATIONS** COVERED BY THIS K-CS-L0008-0-2 CIRCUIT SCHEMATICS CIRCUIT SCHEMATIC K-CS-L0008-Q-3 K-CS-L0008-0-4 CIRCUIT SCHEMATIC K-CS-L0008-0-5 CIRCUIT SCHEMATIC **Field Maintenance** K-CS-L0008-0-6 CIRCUIT SCHEMATIC **Print Set** K-CS-L0008-0-7 CIRCUIT SCHEMATIC K-CS-L0008-0-8 CIRCUIT SCHEMATIC 750PCS K-CS-L0008-0-9 CIRCUIT SCHEMATIC K-CS-L0008-0-10 CIRCUIT SCHEMATIC Digital Equipment K-CS-L0008-0-11 CIRCUIT SCHEMATIC Corporation K-CS-L0008-0-12 CIRCUIT SCHEMATIC K-CS-L0008-0-13 CIRCUIT SCHEMATIC MP01390 K-CS-L0008-0-14 CIRCUIT SCHEMATIC K-CS-L0008-0-15 CIRCUIT SCHEMATIC K-CS-L0008-0-16 CIRCUIT SCHEMATIC K-CS-L0008-0-17 CIRCUIT SCHEMATIC K-CS-L0008-0-18 CIRCUIT SCHEMATIC K-CS-L0008-0-19 CIRCUIT SCHEMATIC K-CS-L0008-0-20 CIRCUIT SCHEMATIC DRN. digital USED ON OPTION/MODEL A.RUSZCZYK 4/22/83 CHK'D DATE 11/750 PCS MODULE T.McCULLOUGH 4/22/83 PROJ. ENG. DATE SIZE REV. TC NUMBER J.STARK 5/19/83 L0008-0-1 Α DATE FIELD SERV.

SHEET I OF 1

J. POWERS

5/19/83

REV. NUMBER CODE 3ZIS DRAWING NO. OF PART NO. **DESCRIPTION REVISIONS** L0008 -YA PARTS REVISION CALASAIA AIAZBI BZ L0008-YB PARTS REVISION PARTS REVISION AIAZB IBZ L0008-YC ABBB E-MD-5015549-0-0 7 DRILL AND ETCH DRAWING ETCH BOARD BBBB 5015549-0 AAAA UNIT ASSEMBLY E-UA-L0008-0-YA AAAA E-UA-LOOO8-O-YB UNIT ASSEMBLY UNIT ASSEMBLY AAAA E-UA-L0008-0-YC E-EC-5015549-0-0 AAAA ETCH CUT AABB K-PL-L0008-0-DBP 3 PARTS LIST BBBB K-PC-L0008-0-0BI P.C. DATABASE K-CS-L0008-0-01 SCHEMATIC AAAA K-CS-L0008-0-02 AAAA SCHEMATIC SCHEMATIC AAAA K-CS-L0008-0-03 AAAA K-CS-L0008-0-04 SCHE MATIC K-CS-L0008-0-05 AAAA SCHEMATIC AAAA K-CS-LOOOE-0-06 SCHEMATIC K-CS-L0008-0-07 SCHEMATIC AAAA K-CS-L0008-0-08 SCHEMATIC AAAA K-CS-L0008-Q-09 AAAA SCHEMATIC K-CS-L0008-0-10 AAAA SCHEMATIC K-(5-L008-0-11 SCHEMATIC AAAA K-CS-L0008-0-12 SCHEMATIC AAAA AAAA K-CS-L0008-0-13 SCHEMATIC AAAA K-CS-L0008-0-14 SCHEMATIC K-CS-L0008-0-15 AAAA SCHEMATIC **NOTES:**  $|\mathbf{a}| \cup |\mathbf{c}|$ 7-83 TW 001 11-83 TW 002 11-83 TW 002 REVISIONS CHG NO. TITLE USED ON OPTION/MODEL DRN "THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PRO-PCS PERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL CHK/D - 3200 NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN - 24 = PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF SIZE CODE NUMBER REV. PROD. ITEMS WITHOUT WRITTEN PERMISSION. B DD L0008-0  $\mathsf{C}$ COPYRIGHT® 1983 DIGITAL EQUIPMENT CORPORATION SHEET | OF 2

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aal

0-80007

B DD size code REV. MUMBER DRAWING NO. NO. PART NO. **DESCRIPTION REVISIONS** K-CS-L0008-0-16 SCHEMATIC AAAA SCHEMATIC AAAA K-CS-LOCO8-C-17 AAAA K-CS-L0008-0-18 SCHEMATIC K-CS-L0008-0-19 SCHEMATIC AAAA K-CS-L0008-0-20 SCHEMATIC AAAA **NOTES:** REVISIONS TW001 TW002 TW002 CHG NO. 7-83 11-83 11 83 CHKD. USED ON OPTION/MODEL "THIS DRAWING AND SPECIFICATIONS, HEREIN, ARE THE PRO-FCS PERTY OF DIGITAL EQUIPMENT CORPORATION AND SHALL NOT BE REPRODUCED OR COPIED OR USED IN WHOLE OR IN PART AS THE BASIS FOR THE MANUFACTURE OR SALE OF SIZE CODE NUM NUMBER REV. ITEMS WITHOUT WRITTEN PERMISSION.  $\mathsf{C}$ COPYRIGHT® DIGITAL EQUIPMENT CORPORATION SHEET 2 OF 2

7000E-0



NE I	TEM DOCUMENT	RTLST.4Q(50 NUMBER	PART NUMBER	DES	CRIPTIO			S L		QT.	Y PEI		RIATI( C		ERENC	E DES	IGNATO		EET	-
1 2	42 1		5015549-00 1013466-22	DRII	LL AND MFD		)V +80	)-20 <b>%</b> Z	:5U CE	R 6	1	1	1 CONT	C7-(	030,0 .059-	32-C3: -C63,C	5,C37- 56-C75	-C40.0	C42-	C54
3 4 5 6	44 43 37 34		CONT 1017472-00 1216988-02 1300247-00 1300309-00			ULE, F	5V +50 HEX TW W 5.0 W 5.0	) &	AL E TORS CF CF		1	6 1	6 1 1	C7-( C1-( R46 R23 R39	C75 C6 .R25.	R27,R	29,R31	L,R33		
			CONT								- 20		CONT CONT	R23 R39 R17	,R25 ,R41 ,R19	R27,R3 R3,R5 R21	.R7,R9	9,R11	,R13	,R1
	70		CONT	470	^	<b>0</b> F			0.5		-		CONT CONT	R39 R17 R61	,R41, ,R19, ,R63,	R27,R3 R3,R5 R21,R3 R65,R	,R7,R9 51,R53 67,R69	9,R11 3,R55 9	.R13	.R1
7 8 9	32 36 33		1300316-00 1301424-00 1301972-00	470 680 270	.0	. 25	W 5.0 W 5.0 W 5.0	) <b>9</b> 6	CF CF CF	1	1	5 1 -	5 1 - CONT	R44 R22 R38	.R24 .R40	R45,R4 ,R26,R	28,R30	D.R32		
			CONT								- 2		CONT CONT	R38 R16	.R40 .R18		,R6 ,R8	3,R10	,R12	,R1
			CONT								-	- 3	SO CONT CONT CONT	R38 R16	.R40 .R18	,R26 ,R ,R2 ,R4 ,R20 ,R ,R64 ,R	,R6,R8 50,R52	3.R10 2.R54	.R12	,R1
10 11 12	38 35 40		1302379-00 1311522-00 1503121-00	75 200 2N	.0	. 25	W 5.0 W 5.0 S50MW	) 96	CF CF N		2 1 1	2 1 1	2 1 1	R48 R42 Q1	,R49	, NO+ , N	00,R00	,		
RI NG!	EVISION HISTOR TECOTNUMBERT	!	C PART NO: LO		DRN:	F	R.LOVE			DATE:	 15-N	 0V-8	32		D	I G		T	Α !	
!-	INITIAL 0008-TWOO2	-   Ā   SĒCT:   B   [ A	ĪŌN.VĀRĪĀTĪŌN Ī	NŌĒX-	 CHK'D:	F	GERF	RY		DATE:	 15-N 	 8-V0	32 !	ĪĒĒ <sup>-:</sup> PCS 7	:. 50	•	Š ĹĪŠ	r ·	·	
:		! ! [B ! ! [C ! ! [D	]	!!	DES.ENG	i: .	J.STAF	RIK		DATE:	15-N	3-VOI	32							
!		! ! (E ! ! (F ! ! (H	]	!!	RESP.EN	IG.: .	J.STAF	RIK		DATE:	15-N	10V - 8	32 !SÏ	ŽĒ Ī ČŌ		OCUMEN NUMBER		BER 	ŢŔĔ	v
:		! ! [J ! ! [K ! ! [L	]	į	MFG.ENG				! .				!	!	!	_8000			В	
!		! [M	]		ĀŠŠĒMBĪ E-UA-LO					TŌP DŌ 3-DD-L			NŪMBĒR D	:		FĪLĒ N Z3928B			!ĒŌĪ	18

TOMATED BY PRT_ST.4Q(50)		PARTS LIST	QTY PER VAR	SHEET A2 OF A
NE ITEM DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	YA YB YC	REFERENCE DESIGNATOR
13 18 14 41 15 13 16 23 17 10 18 20 19 27 20 29 21 19 22 14 23 22 24 6	1811660-01 1811660-29 1910532-00 1910533-00 1910534-00 1910544-00 1910546-00 1910547-00 1910549-00 1911573-00 1911675-00 CONT 1911712-00	OSCILLATOR, XTAL 10.000 MHZ OSCILLATOR, XTAL 18.750 MHZ 74S00 NAND GATE-QUAD 2IN 74S03 NAND GATE-QUAD 2IN, C 74S04 INVERTER GATE-HEX 1I 74S10 NAND GATE-TRIPLE 3IN 74S74 FF-D DUAL, EDGE TRIGG 74S140 NAND GATE-DUAL 4INPL 74S153 MUX 1 OF 4 (DUAL) 74S158 MUX 1 OF 2 (QUAD) 74S280 PARITY GEN/CHKR, 9BIT 74S138 DECODER/DEMUX 3-8 LI	1 1 1 2 2 2 5 5 5 2 2 3 3 3 3 1 1 1 6 6 6 6 1 1 3 3 -	E168 E148,E171 E175,E186 E139,E147,E162,E172,E190 E161,E170 E181,E183,E188 E187 E160,E167,E174,E176,E177,E191 E149,E156,E165,E166,E169,E185 E164 E119,E129,E130 E119,E129,E130,E138
25	1911712-00 1911983-00 1912388-00 1912389-00 1912746-00 1912803-00 1912830-00 1912872-00 1913340-00 1913462-00 1913493-00	74S51 AND-OR GATE-INVERT DOTAINS 74S133 NAND GATE-POSITIVE 1 74S02 NOR GATE-QUAD 2IN,PO 74S08 AND GATE-QUAD 2IN,PO DEC 74S37 NAND GATE-QUAD 2IN LS04 INVERTER GATE,HEX LS90 COUNTER,ASYNCH UP,DE LS377 FF-D 8BIT W/ENABLE 74S32 OR GATE-QUAD 2IN 74S240 OCTAL BUFFER,INVERTI 74S241 OCTAL BUFFER,TRI-STA	1 1 1 1 1 1 2 2 2 3 3 3 1 1 1 1 1 2 2 2 1 1 1 1 1 1 2	E195 E140 E178,E192 E120,E121,E122 E180 E152 E152 E128,E137 E153 E151 E1,E8,E28,E41,E54,E88,E101,E11 CONT E132,E150,E155,E184
36 21 37 28 38 12 39 9 40 3	1913671-00 1914085-00 1914868-00 1915193-00 1915218-00	74S374 FF-D.OCTAL.TR1 STATE 74S260 NOR GATE-DUAL.POS FF-D QUAD. COMMON F LS244 DRIVER.LINE.OCTAL.T LS245 TRANSCEIVER.BUS.OCT	2 2 2 2 2 2 1 1 1 1 1 1 15	CONT E184 2 E163,E173 2 E182,E196 4 E146 5 E2.E12,E24,E37,E50,E63,E67,E72 6 CONT E76,E80,E92,E105,E118,E136,E157 7 E2.E7,E12,E20,E24,E32,E37,E45,CONT E50,E58,E63,E67,E71,E72,E76,E86 CONT E84,E92,E97,E105,E113,E118,E12
41 30 42 5	2114523-00 2116957-03 CONT	4K MOS RAM 55NS 18PIN 1K MOS RAM 55NS 1	2 2 2 20 - 40 -	CONT E136.E145.E154.E158 E189.E194 CONT E62.E70.E75.E83.E91.E96.E104. CONT E112.E117.E126.E135.E144 E11.E19.E23.E31.E36.E44.E49.E5 CONT E62.E70.E75.E83.E91.E96.E104. CONT E12.E117.E126.E135.E144.E9.E1 CONT E112.E117.E126.E135.E144.E9.E1 CONT E21.E29.E34.E42.E47.E55.E60.E6
) I G I T A L	TĪĪLĒ PCS 750	SECTION	OF A	ISIZE!CODE! DOCUMENT NUMBER ! REV ! ! ! ! ! ! ! K ! PL ! LOOO8-0-DBP ! B

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AUTOMATED B: PFT_ST.4Q(50)		PARTS LIST	QTY PER VARIATION SHEET A3 OF A3
LINE ITEM DOCUMENT NUMBER	PART NUMBER	DESCRIPTION	YA YB YC REFERENCE DESIGNATOR
43 4 B_AN(	CONT	*** THIS ITEM IS NOT USED ***	CONT E124,E133,E142  - 60
44 45 45 46 46 47 47 48 48 49 49 50 50 51 51 52 52 53 53 54 54 55 56 57 57 58 59 60 61 62 62 63 64 64 65 66 66 67 68 68 69 69 70 70 71 71 72 72 73 73 74 74 39	23090F4-00 23091F4-00 23093F4-00 23093F4-00 23095F4-00 23096F4-00 23099F4-00 23100F1-00 23100F1-00 23102F4-00 23103F4-00 23103F4-00 23105F4-00 23105F4-00 23105F4-00 23105F4-00 23110F4-00 23110F4-00 23115F4-00 23115F4-00 23115F4-00 23115F4-00 23115F4-00 23115F4-00 23117F4-00 23117F4-00 23117F4-00 23117F4-00 23117F4-00 23117F4-00 23117F4-00 23117F4-00 23117F4-00 23117F4-00 23117F4-00 23117F4-00 23117F4-00 23117F4-00	F4-01	- 2 - W2.W4 1 W4
D I G I T A L .	PCS 750	SECTION A	! !SIZE!CODE! DOCUMENT NUMBER ! REV ! A OF A ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! ! !







































